PATENT COOPERATION TREATY

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INTERNATIONAL PRELIMINARY REPORT ON PATENTABILITY

(Chapter II of the Patent Cooperation Treaty)

(PCT Article 36 and Rule 70)

Applicant's or agent's file reference				
PCT 21345	FOR FURTHER AC	TION	See Form PCT/IPEA/416	
International application No.	International filing date (a	lay/month/year)	Priority date (day/month/year)	
PCT/US04/11663	31 March 2004 (31.03.20	04)	04 April 2003 (04.04.2003)	
International Patent Classification (IPC) or national classification and IPC				
IPC(7): C08J 3/28; C08F 2/38, 255/02 and US Cl.: 522/149, 150, 155, 156, 157, 161; 525/69, 71, 259, 316; 526/204, 220				
Applicant		150, 150, 157, 101, 5	25/05, 71, 255, 510, 520/204, 220	
MERCK & CO., INC.				
 This report is the international preliminary examination report, established by this International Preliminary Examining Authority under Article 35 and transmitted to the applicant according to Article 36. 				
	f a total of $\underline{\mathcal{U}}$ sheets, inc	_	et.	
3. This report is also accom	panied by ANNEXES, co	mprising:		
	cant and to the Internation			
sheets of the	e description, claims and	or drawings which l	have been amended and are the basis	
of this repo	ort and/or sheets containi	ng rectifications aut	horized by this Authority (see Rule	
	Section 607 of the Adminis			
sneets wh	ich supersede earlier sh	eets, but which th	nis Authority considers contain an	
indicated in	item 4 of Box No. I and	uisciosure in the in	aternational application as filed, as	
			dicate type and number of electronic	
carrier(s))	me mermanonan barean	only) a wiai of (iii	inicate type and number of electronic	
	ng a sequence listing and/	or tables related ther	eto, in computer readable form only,	
as indicated in	the Supplemental Box	Relating to Sequence	ce Listing (see Section 802 of the	
Administrative l	instructions).	•		
4. This report contains indi	cations relating to the follo	owing items:		
Box No. I Basis of the report				
	Priority			
	·			
	non-establishment of opini applicability	on with regard to no	velty, inventive step and industrial	
I	ack of unity of invention			
	•			
	easoned statement under Article 35(2) with regard to novelty, inventive step or			
	industrial applicability; citations and explanations supporting such statement			
	ertain documents cited			
Box No. VII	ertain defects in the international application			
Box No. VIII	Box No. VIII Certain observations on the international application			
Date of submission of the demand		Date of completion	of this report	
16 September 2004 (16.09.2004)		14 April 2005 (14.04.2005)		
Name and mailing address of the IPEA/ US		Authorized officer		
Mail Stop PCT, Attn: IPEA/US		- Lumbiand Officel	n	
Commissioner for Patents P.O. Box 1450		James Seidleck	Jean Proctor	
Alexandria, Virginia 22313-1450		Telephone No. 703-3	Paralegni Special	
Facsimile No. (703) 305-3230 Form PCT/IPEA/409 (cover sheet)(January)	ary 2004)	10. 703-3	J	

INTERNATIONAL PRELIMINARY REPORT ON PATENTABILITY

International application No.	
PCT/US04/11663	

Box No. I Basis of the report	101/000//11005			
1. With regard to the language, this report is based on the international filed, unless otherwise indicated under this item.				
This report is based on translations from the original language into the following language which is the language of a translation furnished for the purposes of:				
international search (under Rules 12.3 and 23.1(b))	international search (under Rules 12.3 and 23.1(b))			
publication of the international application (under Rule 12.4	publication of the international application (under Rule 12.4)			
international preliminary examination (under Rules 55.2 an	d/or 55.3)			
2. With regard to the elements of the international application, this report is furnished to the receiving Office in response to an invitation under Article 14 and are not annexed to this report):	s based on (replacement sheets which have been are referred to in this report as "originally filed"			
the international application as originally filed/furnished				
the description:				
pages 1-44 as originally filed/furnished				
pages* NONE received by this Authority on				
received by this Authority on				
the claims:				
pages 45-63 as originally filed/furnished				
pages* NONE as amended (together with any statement)	under Article 19			
received by this Authority on				
pages* NONE received by this Authority on				
the drawings:				
pages NONE as originally filed/furnished				
pages* NONE received by this Authority on pages* NONE received by this Authority on				
pages* NONE received by this Authority on				
a sequence listing and/or any related table(s) - see Supplemental I	Box Relating to Sequence Listing.			
3 The amendments have resulted in the cancellation of:				
the description, pages				
the claims, Nos				
the drawings, sheets/figs				
the sequence listing (specify):				
any table(s) related to the sequence listing (specify):				
4. This report has been established as if (some of) the amendments annexed since they have been considered to go beyond the disclosure as filed, as it	to this report and listed below had not been made, ndicated in the Supplemental Box (Rule 70.2(c)).			
the description, pages				
the description, pages				
the claims, Nos				
the drawings, sheets/figs				
the sequence listing (specify):				
any table(s) related to the sequence listing (specify):				
* If item 4 applies, some or all of those sheets may be marked "superseded	1 B			
orm PCT/IPEA/409 (Box No. I) (January 2004)				

INTERNATIONAL PRELIMINARY REPORT ON PATENTABILITY

International application No. PCT/US04/11663

Pow M. W.				
Box No. V Reasoned statement under Artic applicability; citations and expla	le 35(2) wi nations su	th regard to no pporting such s	velty, inventive s tatement	tep or industrial
1. Statement		-		
Novelty (N)	Claims	1-12		YES
		NONE		NO
Inventive Step (IS)	Claims	1-6 and 8-12		VEC
	Claims			YES NO
Industrial Applicability (IA)	Claims	1-12		
		NONE		YES
the group consisting of: polystyrene-divinylbenzene, polytetrafluoroethylene, or polyethylenetetrafluoroethylenetal, such that a process comprises the step of microcompound III specified in the present claims. The closest reference is WO 00/78740. WO 00/78740 comprising a compound of the formula II and a composition of the sent claims 8-12 wherein each chemical formulation of these monomer in the presence of an N-oxyl radical. Claim 7 lacks an inventive step under PCT Article 33(3) claim 7 requires a polystyrene solid-support polymer, would have been obvious to one of ordinary skill in the 0/78740 with a polystyrene backbone in the absence of ivinylbenzene solid support polymer. Claims 1-12 meet the criteria set out in PCT Article 33(an be made or used in industry.	does not dis and III. Also compounds as being of thereas WO art to substiff a showing of	close the addition the prior art does is polystyrene babyious over WO 00/78740 disclose tute a polystyrene of unexpected resulting a mixture continue.	step of microwave as not disclose the cockbone grafted with 00/78740. The differes a polystyrene-dividuality derived from us	and R4, and an N-oxyl and of the formula II and a compounds in the present a specified functional concerns that the present in

Form PCT/IPEA/409 (Box No. V) (January 2004)

INTERNATIONAL PRELIMINARY REPORT ON PATENTABILITY

International application No. PCT/US04/11663

Supplemental Box	
In case the space in any of the preceding boxes is not sufficient.	
Continuation of:	
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